

**ABSTRACT OF THE DISCLOSURE**

A photocurable silver composition is provided which comprises an ultraviolet light curable organic mixture, a photoinitiator, a silver powder, and a silver flake composition. The silver flake composition comprises at least 20% of the weight of the silver powder. The disclosed compositions may be used to produce silver-containing coatings on a variety of different substrates. Related methods are provided.

1. A photocurable silver composition comprising:  
a. an ultraviolet light curable organic mixture;  
b. a photoinitiator;  
c. a silver powder;  
d. a silver flake composition comprising at least 20% of the weight of the silver powder.